

1
2
3
4 Disengageable downhole tool
5

6 This patent application claims an international filing date of 16
7 January 2003 and a priority date of 18 January 2002. The present
8 invention relates to downhole tools for use in the oil and gas industry
9 and in particular although not exclusively to a disengageable downhole
10 tool which allows a tool to be disengaged from a work string in a well
11 bore and later retrieved on the work string when the work string is
12 removed from the well bore.
13

14 In drilling or completing a well, each stage requires a work string to
15 be made-up which includes any tools required within the well bore.
16 Typically once made-up the work string is inserted in to the well until
17 the tool reaches the desired location, the job is undertaken and then
18 the work string including the tool is returned to the surface. As a
19 number of jobs are required in a well in order to drill and complete
20 the well, this can require a great number of trips into the well by a
21 work string. Each time the string is retrieved, made up and reinserted
22 time is lost which increases the cost involved in drilling and
23 completing the well.